

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/003822

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>VERSCHUREN T: "Smart access: strong authentication on the Web"</p> <p>COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, vol. 30, no. 16-18, 30 September 1998 (1998-09-30), pages 1511-1519, XP004138682</p> <p>ISSN: 0169-7552</p> <p>* 2. Let us look to the smart card *</p> <p>* 6. And this is how it looks like *</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">-/--</p>	1,2,4,5, 8-10,13

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

9 December 2004

Date of mailing of the international search report

21/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"PROXIMITY ACTIVATED COMPUTER CONSOLE LOCK"</p> <p>IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 35, no. 6, 1 November 1992 (1992-11-01), pages 173-176, XP000314101</p> <p>ISSN: 0018-8689</p> <p>page 173 - page 174</p>	1,13
A	<p>SPESIVTSEV A ET AL: "Smart card, computer security, access control, cryptology"</p> <p>SECURITY TECHNOLOGY, 1993 SECURITY TECHNOLOGY, PROCEEDINGS, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS 1993 INTERNATIONAL CARNAHAN CONFERENCE ON OTTAWA, ONT., CANADA 13-15 OCT. 1993, NEW YORK, NY, USA, IEEE, 13 October 1993 (1993-10-13), pages 157-158, XP010124732</p> <p>ISBN: 0-7803-1479-4</p> <p>the whole document</p>	1,13
A	<p>KOLOKOTSA D ET AL: "Interconnecting smart card system with PLC controller in a local operating network to form a distributed energy management and control system for buildings"</p> <p>ENERGY CONVERSION AND MANAGEMENT, ELSEVIER SCIENCE PUBLISHERS, OXFORD, GB, vol. 43, no. 1, January 2002 (2002-01), pages 119-134, XP004311363</p> <p>ISSN: 0196-8904</p> <p>abstract</p> <p>page 121 - page 122</p>	1-14
A	<p>HUSEMANN D: "Standards in the smart card world"</p> <p>COMPUTER NETWORKS, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 36, no. 4, 16 July 2001 (2001-07-16), pages 473-487, XP004304910</p> <p>ISSN: 1389-1286</p> <p>* 2.1 Javacard *</p>	1-14
A	<p>DIEM W: "SMART CARD OPENS THE DOOR"</p> <p>AUTO TECHNOLOGY, VIEWEG PUBLISHING, WIESBADEN, DE, vol. 1, no. 1, February 2001 (2001-02), pages 32-33, XP001100587</p> <p>ISSN: 1616-8216</p> <p>the whole document</p>	1-14

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KOSUGI K: "TREND OF SMART CARD (IC CARD) IN SECURITY FIELDS IN JAPAN" NEC RESEARCH AND DEVELOPMENT, NIPPON ELECTRIC LTD. TOKYO, JP, vol. 43, no. 3, July 2002 (2002-07), pages 208-212, XP001125357 ISSN: 0547-051X * 2. Technology trend of IC card *</p>	1-14